

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(25)	2003	30	30

GUARDRAIL WORK SUMMARY

ITEM NO.	ITEM	UNIT	7	8	9	10	11	12	13	14	15	16	17	18	19	TOTAL
202.0412	REMOVAL OF TYPE 'G' TERMINAL END	EACH	3	1	5											9
202.0413	REMOVAL OF TYPE BCT TERMINAL END	EACH								2		3		1	6	12
202.0430	REMOVAL OF GUARDRAIL AND STEEL POSTS	LF	325	250	362.5	300				187.5		237.5	200	662.5	2275	4800
203.1000	ROADWAY EXCAVATION	CY					220	245	245	245	275					1230
304.1110	AGGREGATE BASE	CY					125	185	185	185	207					887
401.0500	ASPHALT CONCRETE PAVEMENT, MIX NO. IV	TON					195	130	130	130	144				85	814
507.0100	STEEL BRIDGE RAILING (BIKE RAILING)	LF	112.5	112.5	94	169										488
606.3130	GUARDRAIL, STRONG POST WITH W-BEAM	LF	150	162.5	212.5	112.5				50		187.5	425	987.5	1912.5	4200
606.3131	GUARDRAIL, STRONG POST WITH W-BEAM (8' POSTS)	LF													375	375
606.5000	GUARDRAIL, THRIE-BEAM (TRANSITION TO BRIDGE RAIL)	LF	100	100	100	100										400
606.5002	GUARDRAIL, THRIE-BEAM WITH BASE PLATE	LF	87.5	87.5	69	144										388
606.7010	TERMINAL SECTION, MODIFIED TYPE 'G' WITH ROUNDED END	EACH	3	1	5							1	2			12
606.7030	TERMINAL SECTION, TYPE FLEAT-350	EACH	3	3	3	4				2		3	2	3	6	29
621.4103	REFLECTOR MARKER (RM-3), WITH STEEL POST	EACH													12	12
621.4104	REFLECTOR MARKER (RM-4), WITH STEEL POST	EACH	4	4	4	4										16
621.4105	REFLECTOR MARKER (RM-5)	EACH	6	4	6	4				2		4	4	8	26	64
621.5100	REGULATORY AND WARNING SIGNS (10 SQ. FT. OR LESS) WITH POST	EACH								2						2
	REGULATORY AND WARNING SIGNS (GREATER THAN 10 SQ. FT.) WITH POST	EACH														
621.5200		EACH						2		1	1					4
621.6100	TYPE A ROUTE MARKER ASSEMBLY	EACH							2							2
621.6200	TYPE B ROUTE MARKER ASSEMBLY	EACH							1							1

DATE: July 2002

SURVEY PLOTTED BY: J. J. J.

DRAWN BY: J. J. J.

NOTED BY: J. J. J.

QUANTITIES BY: J. J. J.

CHECKED BY: J. J. J.

ORIGINAL PLAN

NOTE: SEE PLAN

DATE: July 2002

BY: J. J. J.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

QUANTITY SUMMARIES

KAUMUALII HIGHWAY

Guardrail and Shoulder Improvements

Hanapepe To Mana

Fed. Aid Project No. STP-050-1(25)

Scale: None      Date: July 2002

SHEET No. 1 OF 1 SHEETS